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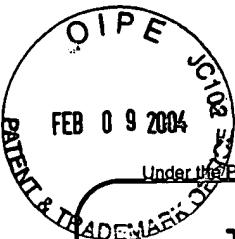
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PTO/SB/21 (08-03)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/694,207
		Filing Date	October 27, 2003
		First Named Inventor	Kandimalla et al.
		Art Unit	NA
		Examiner Name	NA
Total Number of Pages in This Submission	5	Attorney Docket Number	HYB-005US7

ENCLOSURES (Check all that apply)						
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Wayne A. Keown, Ph.D. (Reg. No. 33,923)
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kandimalla et al.

Serial No.: 10/694,207

Filed: October 27, 2003

Entitled: Modulation of Immunostimulatory Activity of Immunostimulatory Oligonucleotide Analogs by Positional Chemical Changes

Examiner: NA

Group Art Unit: NA

Attorney Docket No.: HYB-005US7 (1006/006)

Commissioner for Patents
P. O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants and their attorney are aware of the following publications and information listed on the attached PTO Form 1449, and in accordance with 37 C.F.R. §1.97 hereby submit these publications for the Examiner's consideration.

Applicants state that the current application is a Divisional application claiming priority to U.S. Patent Application Serial No. 09/965,116, filed September 26, 2001. Applicants also state that the references listed on the attached PTO Form 1449 were previously cited in the parent case and therefore copies of the references are not enclosed herewith.

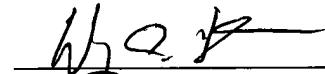
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under United States law, Applicants reserve the right to present to the Office relevant facts and law regarding the appropriate status of such documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits and is therefore submitted as both timely and proper. Therefore, no fees are believed to be due.

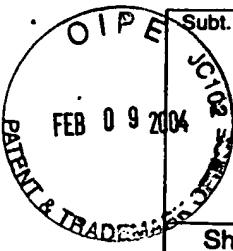
Respectfully submitted,

Date: 2/5/04



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INFORMATION DISCLOSURE IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number HYB-005US7	Application Number 10/694,207
				Applicant Kandimalla et al.	
Sheet	1	OF	2	Filing Date 10/27/03	Group Art Unit NA

U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,149,798	09/22/92	Agrawal et al.	536	27	

Foreign Patent Documents

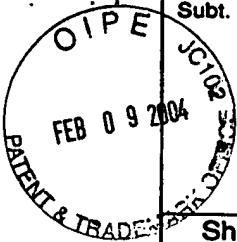
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						YES	NO
	WO99/62923		PCT				

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

C1.	Khorana et al. (1972) "Studies on Polynucleotides," <i>J. Molec. Biol.</i> 72:209
C2.	Reese (1978) "The Chemical Synthesis of Oligo- and Poly-Nucleotides By The Phosphotriester Approach," <i>Tetrahedron</i> 34:3143-3179
C3.	Beaucage et al. (1981) "Deoxynucleoside Phosphoramidites - A New Class of Key Intermediates for Deoxypolynucleotide Synthesis," <i>Tetrahedron Lett.</i> 22:1859-1862
C4.	Connolly et al. (1984) "Synthesis and Characterization of an Octanucleotide Containing the EcoRI Recognition Sequence With A Phosphorothioate Group At The Cleavage Site," <i>Biochemistry</i> 23:3443
C5.	Agrawal et al. (1987) "Oligodeoxynucleotide Methylphosphonates: Synthesis and Enzymic Degradation," <i>Tetrahedron Lett.</i> 28(31):3539-3542
C6.	Jager et al. (1988) "Oligonucleotide N-Alkylphosphoroamidates: Synthesis and Binding to Polynucleotides," <i>Biochemistry</i> 27:7237
C7.	Agrawal et al. (1988) "Oligodeoxynucleoside Phosphoroamidates and Phosphorothioates As Inhibitors of Human Immunodeficiency Virus," <i>Proc. Natl. Acad. Sci. USA</i> 85:7079-7083
C8.	Zon et al. (1991) "Phosphorothioate Oligonucleotides" <i>Oligonucleotides and Analogues: A Practical Approach</i> pp. 87-108
C9.	Kuramoto et al. (1992) "Oligonucleotide Sequences Required For Natural Killer Cell Activation," <i>Jpn. J. Cancer Res.</i> 83:1128-1131
C10.	Crooke (1993) "An Overview of Progress In Antisense Therapeutics," <i>8 Antisense & Nucl. Acid Drug Dev.</i> 115-122 CRC Press, Boca Raton, Florida
C11.	Zon (1993) "Protocols for Oligonucleotides and Analogs," <i>Methods in Molecular Biology</i> Vol. 20, pp. 165-189
C12.	Pisetsky et al. (1994) "Stimulation of Murine Lymphocyte Proliferation By A Phosphorothioate Oligonucleotide With Antisense Activity For Herpes Simplex Virus," <i>54 Life Sci.</i> 101
C13.	Yamamoto et al. (1994) "Lipofection of Synthetic Oligodeoxyribonucleotide Having a Palindromic Sequence of AACGTT to Murine Spenocytes Enhances Interferon Production and Natural Killer Activity," <i>38 Microbiol. Immunol.</i> 831
C14.	Agrawal et al. (1995) "Modified Oligonucleotides as Therapeutic and Diagnostic Agents," <i>Curr. Opin. Biotechnol.</i> 6:12-19
C15.	Krieg et al. (1995) "CpG Motifs In Bacterial DNA Trigger Direct B-Cell Activation," <i>Nature</i> 371:546-549
C16.	Klinman et al. (1996) "CpG Motifs Present In Bacterial DNA Rapidly Induce Lymphocytes to Secrete Interleukin 6, Interleukin 12, and Interferon γ ," <i>93 Proc. Natl. Acad. Sci. USA</i> 2879
C17.	Liang et al. (1996) "Activation of Human B Cells By Phosphorothioate Oligodeoxynucleotides," <i>J. Clin. Invest.</i> 98:1119-1129
C18.	Zhao et al. (1996) "Effect of Different Chemically Modified Oligodeoxynucleotides on Immune Stimulation," <i>Biochem. Pharm.</i> 51:173-182
C19.	Chu et al. (1997) "CpG Oligodeoxynucleotides Act As Adjuvants That Switch On T Helper 1 (Th1) Immunity," <i>186 J. Exp. Med.</i> 1623

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.



<p>Subt. Form PTO-1449</p> <p>INFORMATION DISCLOSURE IN AN APPLICATION</p> <p><i>(Use several sheets if necessary)</i></p>				Docket Number	Application Number
				HYB-005US7	10/694,207
				Applicant	
				Kandimalla et al.	
Sheet	2	OF	2	Filing Date	Group Art Unit
				10/27/03	NA

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